

WHAT IS CLAIMED IS:

5 1. A cooling system for a hot plate, comprising:
a hot plate having a plurality of internal pipelines, wherein each pipeline has an inlet and an outlet, the inlet is suitable for a cooling fluid to enter and the outlet is suitable for the cooling fluid to exhaust.

2. The cooling system of claim 1, wherein the cooling fluid is a gas.

4 3. The cooling system of claim 1, wherein the cooling fluid is a liquid.

6 4. The cooling system of claim 1, wherein the cooling fluid is a mixture of gas and liquid.

10 3 5. The cooling system of claim 2, wherein the cooling gas is selected from a group consisting of air, nitrogen, carbon dioxide and inert gas.

5 6. The cooling system of claim 4, wherein the cooling liquid is selected from a group consisting of water, cold medium or hot medium.

15 7. The cooling system of claim 4, wherein the mixture of gas and liquid is selected from a group consisting of air, nitrogen, carbon dioxide, inert gas, water, cold medium and hot medium.

20 8. A cooling system for a hot plate, comprising:
a hot plate having a plurality of internal pipelines, wherein the pipelines have a common inlet and a common outlet, the common inlet is suitable for a cooling fluid to enter and the common outlet is suitable for the cooling fluid to exhaust.

9. The cooling system of claim 8, wherein the cooling fluid is a gas.

10. The cooling system of claim 8, wherein the cooling fluid is a liquid.

11. The cooling system of claim 8, wherein the cooling fluid is a mixture of gas and liquid.

12. The cooling system of claim 9, wherein the cooling gas is selected from a group consisting of air, nitrogen, carbon dioxide and inert gas.

13. The cooling system of claim 10, wherein the cooling liquid is selected from a group consisting of water, cold medium or hot medium.

5 14. The cooling system of claim 11, wherein the mixture of gas and liquid is selected from a group consisting of air, nitrogen, carbon dioxide, inert gas, water, cold medium and hot medium.

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